

## CLAY, CERAMIC, AND REFRACTORY MINERALS

This report shows 1963 Census of Mineral Industries statistics for establishments classified in Industry Group 145. Clay, Ceramic, and Refractory Minerals. Mines operated in conjunction with cement, brick, other structural clay products, and pottery and related products plants are included in these industries when separate reports are available. Establishments primarily engaged in grinding, pulverizing, or otherwise treating clay and ceramic and refractory minerals not in conjunction with mining operations are classified in industry 3295, Minerals, Ground or Treated. The separate industries included in this group are as follows:

### SIC Code and Title

1452—Bentonite  
1453—Fire Clay  
1454—Fuller's Earth  
1455—Kaolin and Ball Clay  
1456—Feldspar  
1459—Clay, Ceramic, and Refractory Minerals, Not Elsewhere Classified

### INDUSTRY DESCRIPTIONS

Industry 1452—Bentonite. This industry represents establishments primarily engaged in mining, milling, or otherwise preparing bentonite. Establishments engaged in preparing bentonite which do not include a mine are classified in the manufacturing industry 3295, Minerals, Ground or Treated. Such establishments produced less than 10 percent of all prepared bentonite in 1963.

Industry 1453—Fire Clay. This industry represents establishments primarily engaged in mining, milling, or otherwise preparing fire clay, including stoneware clay and diaspore. For mines producing fire clay as the principal product as part of an establishment manufacturing cement or clay, refractory, or pottery products, the entire establishment is classified in manufacturing. Such establishments mined over one-half of all fire clay in 1963. These operations were included in the following manufacturing industries: 3241, Cement, Hydraulic; 3251, Brick and Structural Tile; 3255, Clay Refractories; and 3259, Structural Clay Products, N.E.C.

Industry 1454—Fuller's Earth. This industry represents establishments primarily en-

gaged in mining, milling, or otherwise preparing fuller's earth.

Industry 1455—Kaolin and Ball Clay. This industry

represents establishments primarily engaged in mining, milling, or otherwise preparing kaolin or ball clay, including china clay, paper clay, and slip clay.

Industry 1456

Feldspar. This industry represents establishments primarily engaged in mining, milling, or otherwise preparing feldspar. Establishments engaged in grinding feldspar which do not include a mine are classified in the manufacturing industry 3295, Minerals, Ground or Treated. Such establishments produced about 5 percent of all ground feldspar in 1963.